

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61F 13/15, B32B 33/00	A1	(11) International Publication Number: WO 99/55273 (43) International Publication Date: 4 November 1999 (04.11.99)
<p>(21) International Application Number: PCT/US99/09094</p> <p>(22) International Filing Date: 27 April 1999 (27.04.99)</p> <p>(30) Priority Data: 98107671.4 28 April 1998 (28.04.98) EP</p> <p>(71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): BUSAM, Ludwig [DE/DE]; Talstrabe 17, D-65510 Hunstetten (DE). DIVO, Michael [DE/DE]; Feldbergstrasse 14, D-61381 Friedrichsdorf (DE). FLOHR, Andreas [DE/DE]; Hochfelder Strasse 78, D-45478 Muhlheim (DE).</p> <p>(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).</p>	<p>(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>	

(54) Title: APERTURED LAMINATE WEB

(57) Abstract

An apertured laminate web which may be used as a topsheet on a disposable absorbent article, such as a diaper. The laminate web is formed of a liquid pervious first material and a liquid pervious second material attached to the first material. The first material has an effective open area of at least about 10 % and a plurality of apertures with an effective size of at least about 0.2 square millimeters. The second material has an effective open area of at least about 10 % and a plurality of apertures with an effective size of at least 0.2 square millimeters. The apertures of the second material are aligned with the apertures of the first material. The second material preferably has a hydrophilicity which is greater than the hydrophilicity of the first material.

